MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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number.	Substitute fo	r form 1449B	/PTO		Complete if Known	OIPE
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/658,849	1
				Filing Date	09/10/2003	98
				First Named Inventor	Noriyuki UMEZAWA	JUN 0 2 2004 i
				Group Art Unit	2852	Ş
	(use as many s	sheets as ne	cessary)	Examiner Name	Not Yet Assigned	5/
Sheet	1	of	1	Attorney Docket Number	047373-0148	THEN BOX

				U.S.	PATENT DOCUMENTS	3	
Examiner Initials*		U.S. Patent	Document			Date of Publication of	Pages, Columns, Lines,
	Cite No. ¹	Number	Kind Code ² (if known)		f Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.1	For Office ³	eign Patent C Number ⁴	ocumen Kind C	ode ⁵		of Patentee or of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature	QUANA GRAINGER	Date Considered	4-10-05

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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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	STATEMENT B	Y APPLI	CANT	Filing Date	09/10/2003		
				First Named Inventor	Noriyuki UMEZAWA		
				Group Art Unit	2852		
((use as many she	ets as <u>ne</u> c	cessary)	Examiner Name	Unassigned		
Sheet	1	of	5	Attorney Docket Number	047373-0148		

				U.S. PATENT DOCUMENTS		
Examin er Initials*	Cite No. ¹	U.S. Patent D Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	D356,813		CHIKAWA ET AL.	03/28/1995	
	A2	D403,348		MATSUOKA ET AL.	12/29/1998	
	A3	D406,162	1	TATSUMI	02/23/1999	
	A4	D430,197		WANG ET AL.	08/29/2000	
	A5	D431,595		WANG ET AL	10/03/2000	
	A6	D436,121	S	WANG ET AL.	01109/2001	
	A7	D437,346 /	S	WANG ET AL.	02/06/2001	
	A8	D437,347	S	WANG ET AL.	02/06/2001	
	A9 ⁻	D447,167	S	TANIYAMA	08/28/2001	
	A10	D458,301	S	WANG ET AL.	06/04/2002	
	A11	0458,302	S	WANG ET AL.	06/04/2002	
	A12	D458,960	/ \$	WANG ET AL.	06/18/2002	
	A13	D458,961	S	WANGET AL.	06/18/2002	
	A14	D458,962	S	WANG ET AL.	06/18/2002	
8.6	A15	3,581,949		CONRAD ET AL.	06/01/1971	
	A16	3,669,072		REYNOLDS ET AL.	06/13/1972	
	A17	3,721,360		COLLIE	03/20/1973	
	A18	4,060,105		FELDEISEN ET AL.	11/29/1977	
	A19	4,436,414	·	KAMIYAMA ET AL.	03/13/1984	
	A20	4,740,808		KASSAMURA ET AL.	04/26/1988	
	A21	4,878,603		IKESUE ET AL.	11/07/1989	
	A22	4,961,088		GILLILAND ET AL.	10/02/1990	
	A23	4,963,939		KURANDO ET AL.	10/16/1990	
	A24	4,978,995		TAKAHASHI	12/18/1990	
	A25	5,088,144		SCHNEIDER	02/18/1992	
	A26	5,208,637	ļ	LANDA	05/04/1993	
	A27 '	5,296,900		SAIJO ET AL.	03/22/1994	
	A28	5,319,426		BARUCH ET AL.	06/07/1994	
	A29	5,331,381		OTA ET AL.	07/19/1994	
	A30	5,441,177		YANAGISAWA	08/15/1995	
	A31	5,455,662	ļ	ICHIKAWA ET AL.	10/03/1995	
	A32	5,475,469	ļ	OKADA ET AL.	12/12/1995	
1/2	A33	5,500,719		ICHIKAWA ET AL.	03/19/1996	
4/2	A34	5,528,349	<u> </u>	SATAKE	06/18/1996	
N.C	A35	5,534,988	· · · · · · · · · · · · · · · · · · ·	GERBASI	07/09/1996	
NE	A36	5,541,715	<u> </u>	KATOH ET AL.	07/30/1996	
AG.	A37	5,557,381	ļ	SAKAMOTO ET AL.	09/17/1996	
2.6	A38	5,585,899	<u> </u>	PALUMBO ET AL.	12/17/1996	

Examiner Signature QUANA GIVAINGER	Date Considered	4~17~05
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	Substitute fo	r form 1449B	/PTO	Complete if Known			
	INFORMATI	ON DISCLO	SURE	Application Number	10/658,849		
	STATEMEN'	T BY APPLI	CANT	Filing Date	09/10/2003		
				First Named Inventor	Noriyuki Umezawa		
				Group Art Unit	2852		
	(use as many s	heets as ne	cessary)	Examiner Name	Unassigned		
Sheet 2 of 5			5	Attorney Docket Number	047373-0148		

			U.S. P	ATENT DOCUMEN	TS	
		U.S. Patent Doo	ument			
8 16	A39	5.589.915	HASH	IIMOTO	12/31/1996	
72	A40	5,627,631		AWA ET AL.	05/06/1997	
	A41	5,737,668	JOHR		04/07/1998	
	A42	5,761,566	SUZU	KI ET AL.	06/02/1998	
	A43	5,774,772	KALE		06/30/1998	
\neg	A44	5,774,773	OTSL	KA ET AL.	06/30/1998	
	A45	5,794,108	YOSH	IIZAWA ET AL.	08/11/1998	
	A46	5,812,915	FARK	ASH	09/22/1998	
	A47	5,857,129	HARF	RIS	01/1999	
	A48	5,867,757	OKAZ	AKI ET AL.	02/02/1999	
	A49	5,890,040	MATS	UOKA ET AL.	03/30/1999	
	A50	5,907,756	SHIR	OTA ET AL.	05/25/1999	
	A51	5,908,124	KLAU	KE ET AL.	06/01/1999	
	A52	5,909,610	YOSH	IIKI ET AL.	06/01/1999	
	A53	5,918,090	ICHIK	AWA ET AL.	06/29/1999	
	A54	5,918,095	HUAN		06/29/1999	
	A55	5,966,574	UI ET		10/12/1999	
Ì	A56	5,970,273	ZENK	ET AL.	10/19/1999	
	A57	5,970,290	YOSH	IIKI ET AL.	10/19/1999	
	A58	5,970,291	MILLE		10/19/1999	
	A59	5,970,293	HUAN		10/19/1999	
	A60	5,983,059		ET AL.	11/09/1999	
	A61	5,991,584		R ET AL.	11/23/1999	
	A62	5,999,759		MBO ET AL.	12/07/1999	
	A63	6,019,461		IIMURA ET AL.	02/01/2000	
	A64	6,032,010	KIM E		02/29/2000	
	A65	6,032,013	NIIZA		02/29/2000	
	A66	6,038,422	LOEV		03/14/2000	
	A67	6,064,846		GET AL.	05/16/2000	
	A68	6,067,423		HET AL.	05/23/2000	
	A69	6,067,432	HUAN		05/23/2000	
V	A70	6,075,963		AWA ET AL.	06/13/2000	
8.6	A71	6,091,920		ET AL.	07/18/2000	
8,- 6	A72	6,097,903		TA ET AL.	08/01/2000	
``	A73	6,104,902		R ET AL.	08/15/2002	
	A74	6,118,951		ET AL.	09/12/2000	
+	A75	6,128,453	BAN		10/03/2000	
-	A76	6,134,411		R ET AL.	10/17/2000	
1/2	A77	6,137,972		FAIR ET AL.	10/24/2000	
	A78	6,151,459		IMOTO ET AL.	11/21/2000	
1.6	A79	6,188,859	B1 WANG	S ET AL.	02/13/2001	

Examiner	λ _	Date	
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	Substitute (or form 1449B	PTO	Complete if Known			
	INFORMAT	ION DISCLO	SURE	Application Number	10/658,849		
		IT BY APPLI		Filing Date	09/10/2003		
				First Named Inventor	Noriyuki Umezawa		
				Group Art Unit	2852		
	(use as many	sheets as ne	cessary)	Examiner Name	Unassigned		
Sheet	3	of	5	Attorney Docket Number	047373-0148		

				U.S. PATENT DOCUMEN	TS	
		U.S. Patent	Document			
\$. K	A80	6,229,976	B1	KIMURA	05/08/2001	
1	A81	6,229,977	B1	WANG ET AL.	05/08/2001	
	A82	6,233,421	B1	WANG ET AL.	05/15/20010.	
T	A83	6,240,262	B1	TANIYAMA ET AL.	05/29/2001	
	A84	6,256,469	B1	TANIYAMA ET AL.	07/03/2001	
	A85	6,256,470	B1	TANIYAMA ET AL.	07/03/2001	
4	A86	6,259,877	B1	TANIYAMA ET AL.	07/10/2001	
उ	A87	6,289,182	B1	UMEZAWA ET AL.	09/11/2001	
3	A88	D473,588	S	JUI-CHI ET AL.	04/22/2003	
116	A89	6,308,017	B1	TANIYAMA ET AL.	10/23/2001	
175	A90	6,308,036	B1	TANIYAMA ET AL.	10/23/2001	
17.0	A91	6,334,037	B1	ISE	12/25/2001	
8 C	A92	6,343,883	B1	TADA ET AL.	02/05/2002	
813 C	A93	6,347,195	B1	SAIKI ET AL.	02/12/2002	
81:6	A94	6,405,011	B1	WANG ET AL.	06/11/2002	
1,8	A95	6,477,335	B1	SURYA ET AL.	11/05/2002	
74	A96	6,505,006	B1	SOLANKI ET AL.	01/07/2003	
dro	A97	6,542,709	B1	WANG ET AL.	04/01/2003	
		COPE	NDING U	I.S. REISSUE APPLIC	CATIONS	
		Application Serial No.		Applicant	Filing Date	
\$ 16	A98	10/745,476		ISE	12/24/2003	
(A98.1	10/691,436		TANIYAMA ET AL.	10/22/2003	
<u> </u>	 					

				FC	PREIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent Document		ocument	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document	Pages, Columns, Lines, Where	Τ*
	110.	Office ³	Number*	Kind Code ⁵ (if known)	Applicant or once bossinents	MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	
4.0	A99	JP	1-255875		RICOH CO. LTD.	10/12/1989		ABS.
Ø-4	A100	JP	3-153271		OKI ELECTRIC IND. CO. LTD.	07/01/1991		ABS.
8-6	A101	JP	4-1682		NEC CORP.	01/07/1992		ABS.

Examiner Signature	QUANA GRAINGER	Date Considered	4-17-115
	DUANA GIUATTIGER		1 1/9 03

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Sheet	4	of	5	Attorney Docket Number	047373-0148			

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	140.	Office ³	Number ⁴ Kind Code ⁵ (if known)	Application of the property of	MM-DD-YYYY		
96	A102	JP	4-477	MATSUSHITA ELECTRIC IND. CO. LTD.	01/06/1992		ABS.
થે. ≼	A103	JP	4-60669	KYOCERA CORP.	02/26/1992		ABS.
	A104	JP	4-62564	TOSHIBA CORP.	02/27/1992		ABS.
	A105	JP	5-224479	TOSHIBA CORP.	09/03/1993		ABS.
	A106	JP	5-333749	RICOH CO. LTD.	12/17/1993		ABS.
	A107	JP	6-149047	FUJI XEROX CO. LTD.	05/27/1994		ABS.
		JP	6-149048	FUJI XEROX CO. LTD.	05/27/1994		ABS.
	A109	JP	6-149051	RICOH CO. LTD.	05/27/1994		ABS.
	A110	JP	6-149061	HITACHI METALS LTD.	05/27/1994		ABS.
	A111	JP	6-266227	RICOH CO. LTD.	09/22/1994		ABS.
	A112	JP	6-316060	RISO KAGAKU CORP.	11/15/1994	_	ABS.
	A113		6-35320	RICOH CO. LTD.	02/10/1994		ABS.
	A114		7-181788	RICOH CO. LTD.	07/21/1995		ABS.
	A115	JP	7-191539	RICOH CO. LTD.	07/28/1995		ABS.
	1		7-199574	RICOH CO. LTD.	08/04/1995		ABS.
	A117	JP	7-199618	MINOLTA CO. LTD.	08/04/1995		ABS.
	A118		7-20703	RICOH CO. LTD.	01/24/1995		TRANS
			8-137364	RICOH CO. LTD.	05/31/1996		ABS.
	A120		9-185311	BROTHER IND. LTD.	07/15/1997		ABS.
-	A121	JP	9-211947	KONICA CORP.	08/15/1997		ABS.
<u>ઢી. ૬</u>	A122		9-211977	RICOH CO. LTD.	08/15/1997		ABS.
Q-5	A123		9-244369	MATSUSHITA ELECTRIC IND. CO. LTD.	09/19/1997		ABS.
25	A124	JP	9-90727	RICOH CO. LTD.	04/04/1997		ABS.
8.0	A125		10-171231	RICOH CO. LTD.	06/26/1998		ABS.
7	A126		' 208 13 603 (U1)	GENERAL PLASTIC INDUSTRIAL CO., LTD.	12/24/1998		
8.6	A127	DE	299 06 174 (U1)	GENERAL PLASTIC INDUSTRIAL CO., LTD.	08/05/1999		
3-6	A128	DE	299 14 516 (U1)	GENERAL PLASTIC INDUSTRIAL CO., LTD.	01/13/2000		
4.6	A129	JP	10-20642	RICOH CO. LTD.	01/23/1998		ABS.
7,	A130	JP	10-213957	KONICA CORP.	08/11/1998		ABS.
	A131	JP	10-260574	KONICA CORP.	09/29/1998		ABS.
Ţ,	A132	JP	10-319705	RICOH CO. LTD.	12/04/1998		ABS.
die	A133		10-48936	MINOLTA CO. LTD.	02/20/1998		ABS.
80.6	A134	JP	11-184232	KONICA CORP.	07/09/1999		ABS.

Examiner Signature	QUANA GRAINGER	Date Considered	4-17-05

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				Group Art Unit	2852			
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Sheet	5	of	5	Attorney Docket Number	047373-0148			

Examiner			reign Patent Document	OREIGN PATENT DOCUMEN Name of Patentee or	Date of Publication of	Pages, Columns,	T*
Initials*	No. ¹	Office ³	Number Kind Code (if known)	Applicant of Cited Documents	Cited Document MM-DD-YYYY	Lines, Where Relevant Passages or Relevant Figures Appear	
Q_<	A135	-	11-327272	SHARP CORP.	11/26/1999		ABS.
	A136		11-338210	CANON INC.	12/10/1999		ABS.
	A137		11-65252	RICOH CO. LTD.	03/05/1999		ABS.
	A138		11-65390	RICOH CO. LTD.	03/05/1999		ABS.
	A139		60-101571	CANNON KK	06/05/1985		ABS.
	A140	JP	60-153066	RICOH KK	08/12/1985		ABS.
	A141	JP	61-215575	TOSHIBA CORP.	09/25/1986		ABS.
	A142		61-99176	TOSHIBA CORP.	05/17/1986		ABS.
	A143	JP	62-173482	RICOH CO. LTD.	07/30/1987		ABS.
10	A144	JP	63-224986	TRIUMPH ADLER AG	09/20/1988		ABS.
	A145	JP	63-75769	MATSUSHITA ELECTRIC IND. CO.	04/06/1988		ABS.
8.6	A146	JP	63-82493	MITA IND. CO. LTD.	04/13/1988		ABS.
86	A147	JP	63-94267	MINOLTA CAMERA CO. LTD.	04/25/1988		ABS.
11.6	A148	JP	2000-19828	FUJI XEROX CO. LTD.	01/21/2000		ABS.
9,6	A149	JP	2000-221866	OKI DATA CORP.	08/11/2000		ABS.
1,	A150		2000-321860	RICOH CO. LTD.	11/24/2000		ABS.
	A151	JP	2000-347503	NEC CORP.	12/15/2000		ABS.
	A152	JP	2000-47466	MINOLTA CO., LTD.	02/18/2000		TRANS
<u>, U</u>	A153	JP	2001-117458	COPYER CO. LTD.	04/27/2001		ABS.
82.6	A154	JP	2001-175080	SHARP CORP.	06/29/2001		ABS.
8.6	A155	DE	202 06 622 (U1)	GENERAL PLASTIC INDUSTRIAL CO., LTD.	10/17/2002		
4.6	A156	JP	3-2369 (U)		01/10/1991		
7	-A157		5-40112 (U)		05/28/1993		
घर	A158	JP	5-81855 (U)		11/05/1993		
/	-A159		56-66959 (U)		06/04/1981	*	
	-A160		63 122939		05/26/1988		
	-A181		_62-89672(U)		05/08/1987		1
<u> </u>	A162	Z	012 00798. X		12/12/2001		
X16	A163		431308		05/02/2000		
W. G	A164		450900		06/20/1998		
B. 6	A165	TW	467298		01/06/2000		
/	-A166		472898		03/02/2000		
	A167		201 01 041 (U1)	GENERAL PLASTIC INDUSTRIAL CO., LTD.	06/07/2001		
کل. کے	A168	DE	201 10 369 (U1)	GENERAL PLASTIC INDUSTRIAL CO., LTD.	10/31/2001		

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